

ABSTRACT

A pneumatic tire comprises a carcass ply turned up around a bead core in each bead portion to form a pair of turnup portions and a main portion therebetween, and a rubber bead apex disposed between each turnup portion and main portion. Each turnup portion extends radially outwardly beyond a radially outer end of the bead apex to have a part adjoining the main portion. The profile in a tire sidewall portion and bead portion comprises a first linear portion and a second linear portion, the first linear portion extending radially outwards from a point P in substantially parallel to the tire equatorial plane, and the second linear portion extending radially inwards from the point P while inclining axially inwards at an angle of from +15 to +60 degrees with respect to the tire equatorial plane. The radial distance of the radially outer end of the turnup portion from a point Q is in the range of less than 3 times a distance (gt) measured from the point P to the carcass ply main portion along a straight line drawn from the point P perpendicularly to the carcass ply main portion, wherein the point Q is defined as a point at which the straight line intersects the carcass ply main portion.